

*CLAIM AMENDMENTS*

Claims 1-9 (Cancelled).

10. (Currently Amended) A flat core brushless motor comprising:

a rotor case;

a stator including a ~~plurality of stator cores~~ core, ~~each~~ the stator core having a plurality of protruding pole poles and ~~an~~ a plurality of armature-coil coils, each armature coil being wound around the a respective protruding pole;

a stator base having a generally planar portion including a plurality of through holes, each through hole receiving part of a respective armature coil, and a plurality of supports bent from and transverse to the generally planar portion, the plurality of supports supporting the stator, the plurality of supports and the plurality of ~~stator coils~~ protruding poles being equal in number;

a shaft fixedly mounted to the stator base, at a center of the stator base, and extending through a center of the rotor case;

a flexible circuit board located between the stator base and the stator, having a plurality of holes smaller than the through holes, located opposite respective through holes, and covering edges of the respective through holes; and

a bearing located intermediate the supports and the shaft, rotatably supporting the rotor case on the shaft.

11. (Currently Amended) The flat core brushless motor as claimed in claim 10, wherein ~~each of the stator cores~~ core includes ~~a recess~~ recesses complementary to and receiving the corresponding ~~support~~ supports.

12. (New) A flat core brushless motor comprising:

a rotor case;

a stator including a stator core, the stator core having a plurality of protruding poles and a plurality of armature coils, each armature coil being wound around a respective protruding pole;

a stator base having a generally planar portion including a plurality of through holes, each through hole receiving part of a respective armature coil, and a plurality of supports bent from and transverse to the generally planar portion, the plurality of supports supporting the stator, the plurality of supports and the plurality of protruding poles being equal in number;

a shaft fixedly mounted to the rotor case, at a center of the rotor case, and extending to the stator base;

a flexible circuit board located between the stator base and the stator, having a plurality of holes smaller than the through holes, located opposite respective through holes, and covering edges of the respective through holes; and

a bearing fixedly mounted centrally to the stator base by the plurality of supports, rotatingly supporting the shaft and the rotor case mounted to the shaft.